

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09673992 on June 12, 2002

13 525/98 (3 OR, 10 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/88 ...Mixing of solid block or block-type
copolymer with other solid polymer; mixing of said polymer
mixture with a chemical treating agent; mixing of a block
or block-type copolymer with SICP or with SPFI; or
processes of forming or reacting; or the resultant product
of any of the above operations

525/95Mixture contains solid block or block-type
copolymer derived from ethylenically unsaturated
hydrocarbon reactants only at least one of which contains
at least four carbon atoms

525/98Solid block or block-type copolymer
derived from reactant containing plural unsaturation

12 525/314 (8 OR, 4 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants
only mixed with ethylenic reactant

- 525/313Ethylenic reactant contains at least two
unsaturated groups and is devoid of an aromatic group
- 525/314Block copolymer derived from reactant
containing at least two unsaturated groups and is free of
an aromatic group
- 8 252/512 (2 OR, 6 XR)
Class 252 : COMPOSITIONS
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS
252/512 .Free metal containing
- 8 252/513 (0 OR, 8 XR)
Class 252 : COMPOSITIONS
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS
252/512 .Free metal containing
252/513 ..Iron group metal (iron, cobalt, nickel)
- 8 252/514 (0 OR, 8 XR)
Class 252 : COMPOSITIONS
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS
252/512 .Free metal containing
252/514 ..Noble metal (gold, silver, ruthenium,
rhodium, palladium, osmium, iridium, platinum)
- 7 148/24 (1 OR, 6 XR)
Class 148 : METAL TREATMENT
148/22 COMPOSITIONS
148/23 .Fluxing
148/24 ..Metallic
- 5 148/25 (0 OR, 5 XR)
Class 148 : METAL TREATMENT
148/22 COMPOSITIONS
148/23 .Fluxing
148/25 ..Oleaginous
- 5 428/901 (0 OR, 5 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/901 PRINTED CIRCUIT
- 4 156/330 (1 OR, 3 XR)
Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL

MANUFACTURE

- 156/1 METHODS
- 156/60 ..Surface bonding and/or assembly therefor
- 156/325 ..Particular adhesive
- 156/326 ...Organic containing
- 156/327Synthetic resin containing
- 156/330Epoxy resin

4 428/413 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 ..Of epoxy ether

4 428/448 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 ..Of silicon containing (not as silicon alloy)

428/448 ..As intermediate layer

4 524/270 (3 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/81Organic DNRM

524/270Rosin or tall oil or modified forms
thereof as DNRM, e.g., colophony, abietic acid, ester gum,
etc.

4 524/440 (1 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/439Elemental metal DNRM
524/440Transition metal atom DNRM

4 524/441 (0 OR, 4 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/439Elemental metal DNRM

524/441Aluminum DNRM

4 525/478 (1 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/474 ..Solid polymer derived from silicon-containing
reactant

525/477 ...Mixed with silicon-containing reactant or
polymer therefrom

525/478Wherein one of said silicon materials
contains Si-H bond

3 148/23 (3 OR, 0 XR)

Class 148 : METAL TREATMENT

148/22 COMPOSITIONS

148/23 .Fluxing

3 156/277 (0 OR, 3 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/277 ..With printing

3 427/96 (2 OR, 1 XR)

Class 427 : COATING PROCESSES

427/58 ELECTRICAL PRODUCT PRODUCED

427/96 .Integrated circuit, printed circuit, or
circuit board

3 428/352 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/352 ..With release or antistick coating

3 428/355AC (3 OR, 0 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/355R ..Adhesive compositions

428/355EN ...Including addition polymer from unsaturated
monomer

428/355ACIncluding addition polymer from alpha-beta
unsaturated carboxylic acid (e.g., acrylic acid,
methacrylic acid, etc.) or derivative thereof

3 428/355R (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/355R ..Adhesive compositions

3 428/414 (2 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/414 ..As intermediate layer

3 428/416 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/414 ..As intermediate layer

428/416 ...Next to metal

3 428/418 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/418 ..Next to metal

3 428/423.7 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/423.1 .Of polyamidoester (polyurethane,
polyisocyanate, polycarbamate, etc.)

428/423.7 ..Next to polyester (polyethylene
terephthalate, etc.)

3 428/447 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 .Of silicon containing (not as silicon alloy)

428/447 ..As siloxane, silicone or silane

3 428/451 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 .Of silicon containing (not as silicon alloy)

428/451 ..Next to addition polymer from unsaturated
monomers, or aldehyde or ketone condensation product

3 428/480 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/480 .Of polyester (e.g., alkyd, etc.)

3 430/270.1 (2 OR, 1 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or
process of making

3 430/281.1 (1 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF
430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT
430/270.1 ..Radiation sensitive composition or product or
process of making
430/281.1 ..Radiation sensitive composition comprising
ethylenically unsaturated compound

3 522/110 (0 OR, 3 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

522/1 ..COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE
ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID
POLYMER UTILIZING WAVE ENERGY
522/109 ..Processes of chemically modifying a blend of
two or more solid polymers in the presence of a chemical
reactant; or compositions therefore
522/110 ...At least one solid polymer derived from
ethylenic monomers has at least two ethylenic groups

3 522/158 (0 OR, 3 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

522/1 ..COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE
ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID
POLYMER UTILIZING WAVE ENERGY
522/150 ..Processes of treating a solid polymer derived
from ethylenic monomers only; or compositions therefore
522/157 ...Solid polymer derived from monomer
containing only carbon and hydrogen
522/158At least one reactant contains two or more
ethylenic groups

3 523/176 (2 OR, 1 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

523/1 ..PROCESSES OF PREPARING A DESIRED OR
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/176 ..Anaerobic adhesive or thread sealing
composition or process of preparing

3 524/439 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/80 ...DNRM which is other than silicon dioxide,
glass, titanium dioxide, water, halohydrocarbon,
hydrocarbon, or elemental carbon

524/439Elemental metal DNRM

3 524/505 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/500 ...Containing two or more solid polymers; solid
polymer or SICP and a SICP, SPFI, or an ethylenic reactant
or product thereof

524/502At least one solid polymer derived from
ethylenic reactants only

524/505Solid block or solid block-type copolymer
with other solid polymer, SICP or SPFI

3 524/534 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or
preformed specified intermediate condensation product,
composition thereof; or process of treating or composition
thereof

524/500 ...Containing two or more solid polymers; solid

polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof

524/502At least one solid polymer derived from ethylenic reactants only

524/529Solid polymer derived from ethylenic monomers only admixed with ethylenic monomer

524/534Ethylenic monomer contains at least two ethylenic groups

3 524/832 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/800 ..Preparation of intentional or desired composition by formation of solid polymer or SICP in the presence of water as a designated nonreactant material (DNRM), or products thereof

524/804 ...Solid polymer derived from ethylenic monomers only

524/832Monomer is carboxylic acid or derivative

3 525/250 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF

OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES

FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/244Contacting a solid polymer derived from ethylenic reactants only with an ethylenic reactant in the presence of a specified material

525/248Specified material contains a carbon or hydrogen atom bonded directly to a metal atom

525/250Metal atom is Group IA metal atom (Li, Na, K, Rb, Cs, Fr)

3 525/271 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants
only mixed with ethylenic reactant

525/267Including step of preparing a polymer in
the presence of a specified material and in the absence of
a preformed polymer derived from ethylenic reactant only

525/271Specified material contains a Group IA
atom in elemental form or bonded to hydrogen or carbon

3 525/530 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/523 ..Solid polymer contains more than one
1,2-epoxy group or is derived from reactant containing at
least one 1,2-epoxy group

525/529 ...Mixed with unsaturated reactant or polymer
derived therefrom

525/530Wherein unsaturated reactant is a
carboxylic acid or derivative or polymer derived therefrom

3 525/531 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING

OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
A
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
OF THE

ABOVE OPERATIONS

525/523 ..Solid polymer contains more than one
1,2-epoxy group or is derived from reactant containing at
least one 1,2-epoxy group

525/529 ...Mixed with unsaturated reactant or polymer
derived therefrom

525/530Wherein unsaturated reactant is a
carboxylic acid or derivative or polymer derived therefrom

525/531Wherein unsaturated reactant contains only
one free carboxyl group

3 525/93 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/88 ...Mixing of solid block or block-type
copolymer with other solid polymer; mixing of said polymer
mixture with a chemical treating agent; mixing of a block
or block-type copolymer with SICP or with SPFI; or
processes of forming or reacting; or the resultant product
of any of the above operations

525/93Mixture contains solid polymer derived from
reactant containing chalcogen

3 525/99 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF

OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from
ethylenic reactants only

525/88

...Mixing of solid block or block-type
copolymer with other solid polymer; mixing of said polymer
mixture with a chemical treating agent; mixing of a block
or block-type copolymer with SICP or with SPFI; or
processes of forming or reacting; or the resultant product
of any of the above operations

525/95

....Mixture contains solid block or block-type
copolymer derived from ethylenically unsaturated
hydrocarbon reactants only at least one of which contains
at least four carbon atoms

525/98

.....Solid block or block-type copolymer
derived from reactant containing plural unsaturation

525/99

.....With solid polymer derived from reactant
containing plural unsaturation

2 156/307.3 (1 OR, 1 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/307.1 ..By curing of nonfully polymerized
self-sustaining lamina

156/307.3 ...With coating or impregnating a face to be
adhered

2 156/307.5 (1 OR, 1 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/307.1 ..By curing of nonfully polymerized
self-sustaining lamina

156/307.3 ...With coating or impregnating a face to be
adhered

156/307.5Coating solidified; e.g., by drying, etc.,

before assembly

2 156/310 (0 OR, 2 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/310 ..Of laminae having a different coating on at
least two mating surfaces

2 174/256 (1 OR, 1 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS

174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/250 .Preformed panel circuit arrangement (e.g.,
printed circuit)

174/256 ..With particular material

2 174/257 (0 OR, 2 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS

174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/250 .Preformed panel circuit arrangement (e.g.,
printed circuit)

174/256 ..With particular material

174/257 ...Conducting (e.g., ink)

2 252/511 (2 OR, 0 XR)

Class 252 : COMPOSITIONS

252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE
COMPOSITIONS

252/502 .Elemental carbon containing

252/510 ..With organic component

252/511 ...Resin, rubber, or derivative thereof
containing

2 427/399 (0 OR, 2 XR)

Class 427 : COATING PROCESSES

427/399 BASE SUPPLIED CONSTITUENT

2 428/209 (1 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)

428/195 .Discontinuous or differential coating,
impregnation or bond (e.g., artwork, printing, retouched
photograph, etc.)

- 428/209 ..Including metal layer
- 2 428/214 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
428/212 .Including components having same physical
characteristic in differing degree
428/213 ..Thickness (relative or absolute)
428/214 ...Of adhesive layers
- 2 428/215 (1 OR, 1 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,
OVERALL DIMENSION, ETC.)
428/212 .Including components having same physical
characteristic in differing degree
428/213 ..Thickness (relative or absolute)
428/215 ...Absolute thicknesses specified
- 2 428/323 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT
428/323 .Including a second component containing
structurally defined particles
- 2 428/332 (1 OR, 1 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT
428/332 .Physical dimension specified
- 2 428/336 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT
428/332 .Physical dimension specified
428/334 ..Coating layer not in excess of 5 mils thick
or equivalent
428/335 ...Up to 3 mils
428/336 1 mil or less
- 2 428/355EP (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

- 428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED
ELEMENT OR COMPONENT
- 428/343 .Adhesive outermost layer
- 428/355R ..Adhesive compositions
- 428/355EP ...Including epoxy group or epoxy polymer
- 2 428/41.5 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/40.1 LAYER OR COMPONENT REMOVABLE TO EXPOSE ADHESIVE
- 428/41.5 .Polymer derived from material having at least
one acrylic or alkacrylic group or the nitrile or amide
derivative thereof (e.g., acrylamide, acrylate ester, etc.)
- 2 428/411.1 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 2 428/450 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/446 .Of silicon containing (not as silicon alloy)
- 428/450 ..Next to metal
- 2 428/458 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/457 .Of metal
- 428/458 ..Next to polyester, polyamide or polyimide
(e.g., alkyd, glue, or nylon, etc.)
- 2 428/483 (1 OR, 1 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/480 .Of polyester (e.g., alkyd, etc.)
- 428/483 ..Next to addition polymer from unsaturated
monomers
- 2 428/500 (0 OR, 2 XR)
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES
- 428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)
- 428/500 .Of addition polymer from unsaturated monomers

2 428/521 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/500 .Of addition polymer from unsaturated monomers

428/521 ..Polyene monomer-containing

2 428/523 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/500 .Of addition polymer from unsaturated monomers

428/523 ..Polymer of monoethylenically unsaturated
hydrocarbon

2 428/910 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/910 PRODUCT WITH MOLECULAR ORIENTATION

2 430/280.1 (1 OR, 1 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or
process of making

430/280.1 ..Radiation sensitive composition comprising
oxirane ring containing component

2 430/283.1 (0 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or
process of making

430/281.1 ..Radiation sensitive composition comprising
ethylenically unsaturated compound

430/283.1 ...Amide

2 430/286.1 (1 OR, 1 XR)

- Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF
- 430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR
- OR
- PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT
- 430/270.1 .Radiation sensitive composition or product or
process of making
- 430/281.1 ..Radiation sensitive composition comprising
ethylenically unsaturated compound
- 430/286.1 ...Resin or prepolymer containing ethylenical
unsaturation
- 2 430/287.1 (0 OR, 2 XR)
- Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF
- 430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR
- OR
- PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT
- 430/270.1 .Radiation sensitive composition or product or
process of making
- 430/281.1 ..Radiation sensitive composition comprising
ethylenically unsaturated compound
- 430/286.1 ...Resin or prepolymer containing ethylenical
unsaturation
- 430/287.1Ethylenic unsaturation within the side
chain component
- 2 430/950 (0 OR, 2 XR)
- Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,
COMPOSITION, OR PRODUCT THEREOF
- 430/950 MATTING OR OTHER SURFACE REFLECTIVITY ALTERING
MATERIAL
- 2 521/149 (0 OR, 2 XR)
- Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES
- 521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.
- 521/142 ..Cellular product derived from ethylenically
unsaturated reactants only
- 521/149 ...From oxygen containing reactant
- 2 522/111 (0 OR, 2 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE
ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID
POLYMER UTILIZING WAVE ENERGY

522/111 ..Processes of treating a blend of two or more
solid polymers or reacting one solid polymer with another
solid polymer; or compositions therefore

2 522/112 (0 OR, 2 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE
ENERGY
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID
POLYMER UTILIZING WAVE ENERGY

522/111 ..Processes of treating a blend of two or more
solid polymers or reacting one solid polymer with another
solid polymer; or compositions therefore

522/112 ...At least two solid polymers derived from
ethylenic monomers only

2 523/177 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT
THEREOF

523/177 ..Coating or adhesive composition for
application to a wet or contaminated surface (e.g.,
underwater or oil-contaminated, etc.) or process of
preparing

2 523/457 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400 ..Process of forming a composition containing a
nonreactive material (NRM) and a polymer containing more
than one 1,2-epoxy group, or a preformed polymer derived
from or admixed with a reactant containing more than one
1,2-epoxy group, or with a polymer derived from an
epihalohydrin and a polyhydric phenol or polyol; or
composition or product thereof

523/457 ...Elemental metal or metal compound other than
as silicate DNRM

2 523/458 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400 ..Process of forming a composition containing a
nonreactive material (NRM) and a polymer containing more
than one 1,2-epoxy group, or a preformed polymer derived
from or admixed with a reactant containing more than one
1,2-epoxy group, or with a polymer derived from an
epihalohydrin and a polyhydric phenol or polyol; or
composition or product thereof

523/457 ...Elemental metal or metal compound other than
as silicate DNRM

523/458Transition metal

2 523/459 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400 ..Process of forming a composition containing a
nonreactive material (NRM) and a polymer containing more
than one 1,2-epoxy group, or a preformed polymer derived

from or admixed with a reactant containing more than one 1,2-epoxy group, or with a polymer derived from an epihalohydrin and a polyhydric phenol or polyol; or composition or product thereof

523/457 ...Elemental metal or metal compound other than as silicate DNRM

523/459Heavy metal

2 523/468 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1 ..PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400 ..Process of forming a composition containing a nonreactive material (NRM) and a polymer containing more than one 1,2-epoxy group, or a preformed polymer derived from or admixed with a reactant containing more than one 1,2-epoxy group, or with a polymer derived from an epihalohydrin and a polyhydric phenol or polyol; or composition or product thereof

523/468 ...Elemental carbon DNRM

2 524/274 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81Organic DNRM

524/270Rosin or tall oil or modified forms thereof as DNRM, e.g., colophony, abietic acid, ester gum, etc.

524/274Solid polymer derived from ethylenically unsaturated hydrocarbon only

2 524/404 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof
- 524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon
- 524/401 Inorganic compound devoid of a silicon atom DNRM
- 524/404 Boron atom DNRM

2 524/483 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof
- 524/474 ...Mixing two or more hydrocarbons; or a hydrocarbon other than benzene, toluene, or xylene per se and having numerical limitations other than amount, e.g., included herein are m.p., b.p., viscosity, structure, m.w., etc. or composition or product thereof, DNRM
- 524/481 Unsaturated hydrocarbon
- 524/483 Unsaturated hydrocarbon contains plural unsaturation

2 524/502 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof
- 524/500 ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof
- 524/502 At least one solid polymer derived from ethylenic reactants only

2 524/514 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product,

- composition thereof; or process of treating or composition thereof
- 524/500 ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof
- 524/502 At least one solid polymer derived from ethylenic reactants only
- 524/514 With polycarboxylic acid or derivative and a polyamine, or with nitrogen containing carboxylic acid or derivative reactant at least one of which is saturated or with solid polymer thereof
- 2 524/745 (0 OR, 2 XR)
- Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
- 524/700 ..Preparation of intentional or desired composition by formation of a solid polymer (SP) or SICP in presence of a designated nonreactant material (DNRM) other than solely water, hydrocarbon, silicon dioxide, glass, titanium dioxide or elemental carbon, composition thereof; or process of treating or composition thereof
- 524/742 ...Elemental or organic sulfur compound as DNRM
- 524/745 Sulfate, sulfonate ester, sulfonic acid, or salt thereof
- 2 524/833 (0 OR, 2 XR)
- Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
- 524/800 ..Preparation of intentional or desired composition by formation of solid polymer or SICP in the presence of water as a designated nonreactant material (DNRM), or products thereof
- 524/804 ...Solid polymer derived from ethylenic monomers only
- 524/832 Monomer is carboxylic acid or derivative
- 524/833 Two or more carboxylic acids or derivatives
- 2 525/101 (1 OR, 1 XR)
- Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
- 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/100 ...With saturated Si-C or Si-H reactant or polymer thereof; or with solid copolymer derived from at least one Si-C or Si-H reactant wherein at least one of the reactants forming the solid copolymer is saturated; or with SPFI wherein at least one of the necessary ingredients contains a Si-C or Si-H bond or with a reaction product thereof; or with a SICP containing a Si-H or Si-C bond

525/101Contacting with nonsilicon-containing SICP, nonsilicon-containing SPFI, or polymer thereof; or with two or more solid polymers

2 525/111 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/107 ...With saturated 1,2-epoxy reactant containing more than one 1,2-epoxy group per mole or polymer derived therefrom; or with solid copolymer derived from at least one saturated reactant and at least one unsaturated 1,2-epoxy reactant wherein the epoxy reactant contains more than one 1,2-epoxy group per mole

525/111With reactant which is free of an 1,2-epoxy group and which contains a -N=C=X group or polymer thereof (X is chalcogen); or with a polyol and a polycarboxylic acid or reaction product thereof which is free of an 1,2 epoxy group

2 525/113 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/107 ...With saturated 1,2-epoxy reactant containing more than one 1,2-epoxy group per mole or polymer derived therefrom; or with solid copolymer derived from at least one saturated reactant and at least one unsaturated 1,2-epoxy reactant wherein the epoxy reactant contains more than one 1,2-epoxy group per mole

525/113With nitrogen-containing reactant, or wherein the poly 1,2-epoxy reactant contains a nitrogen atom

2 525/121 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/107 ...With saturated 1,2-epoxy reactant containing more than one 1,2-epoxy group per mole or polymer derived therefrom; or with solid copolymer derived from at least one saturated reactant and at least one unsaturated 1,2-epoxy reactant wherein the epoxy reactant contains more than one 1,2-epoxy group per mole

525/121Polymer derived from ethylenic reactants only derived from reactant containing a halogen atom

2 525/194 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/191 ...Polymer mixture of two or more solid
polymers derived from ethylenically unsaturated reactants
only; or mixtures of said polymer mixture with a chemical
treating agent; or products or processes of preparing any
of the above mixtures

525/192Treating polymer or polymer mixture with a
chemical treating agent other than solid polymer

525/194Agent is an organic material

2 525/293 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants
only mixed with ethylenic reactant

525/293Ethylenic material contains a nitrogen atom
and is other than (meth)acrylonitrile

2 525/303 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY
ABOVE OPERATIONS

- 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
- 525/242 ...Polymer derived from ethylenic reactants
 only mixed with ethylenic reactant
- 525/298 Ethylenic reactant contains an oxygen atom
- 525/302 Oxygen atom is part of a carboxylic acid
 ester group
- 525/303 Ester contains an oxygen atom other than
 as a carboxylic acid ester group

2 525/383 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

- 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
 WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

- 525/55 ..At least one solid polymer derived from
 ethylenic reactants only
- 525/383 ...Chemical treating agent contains elemental
 oxygen or oxygen-containing compound

2 525/479 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

- 525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
 OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
 WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

- 525/474 ..Solid polymer derived from silicon-containing

reactant
525/479 ...Mixed with ethylenically unsaturated
reactant or polymer derived therefrom

2 525/56 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/56 ...Polyvinyl alcohol

2 525/58 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/56 ...Polyvinyl alcohol

525/58 With SICP, SPFI, or polymer thereof

2 525/75 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type
copolymer derived from ethylenic reactants only with other
solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant product
of any of the above operations

525/75Mixture contains solid polymer derived from
reactant containing a fused- or bridged-ring system or from
cycloaliphatic reactant

2 525/78 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from
ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type
copolymer derived from ethylenic reactants only with other
solid polymer derived from ethylenic reactants only; or
treating said mixture with chemical treating agent; or
processes of forming or reacting; or the resultant product
of any of the above operations

525/78Mixture contains solid polymer derived from
reactant containing carboxylic acid group

2 525/95 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

- 525/55 ..At least one solid polymer derived from ethylenic reactants only
- 525/88 ...Mixing of solid block or block-type copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mixing of a block or block-type copolymer with SICP or with SPFI; or processes of forming or reacting; or the resultant product of any of the above operations
- 525/95Mixture contains solid block or block-type copolymer derived from ethylenically unsaturated hydrocarbon reactants only at least one of which contains at least four carbon atoms

2 526/222 (0 OR, 2 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING
- 526/89 ..Polymerizing in the presence of a specified material other than monomer
- 526/222 ...Material contains organic sulfur compound

2 528/112 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 528/86 .FROM PHENOL, PHENOL ETHER, OR INORGANIC PHENOLATE
- 528/87 ..From 1,2-epoxy-containing phenolic reactant or with 1,2-epoxy-containing reactant
- 528/106 ...With at least one nonepoxy or nonphenolic reactant
- 528/112Non-1,2-epoxy or nonphenolic reactant is a carboxylic acid, salt thereof, or carboxylic acid anhydride

2 528/15 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

- 528/10 .FROM SILICON REACTANT HAVING AT LEAST ONE SILICON-TO-HYDROGEN OR -CARBON BOND
- 528/12 ..Polymerizing in the presence of a specified material other than a reactant

528/14 ...Material is a metal-containing material
528/15Material contains a Group VIII metal atom

2 528/272 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

528/271 .FROM CARBOXYLIC ACID OR DERIVATIVE THEREOF

528/272 ..From di- or higher ester of a polycarboxylic
acid as sole reactant, or from a polycarboxylic acid or
derivative with a compound containing two or more hydroxyl
groups or salts thereof

2 528/98 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART
OF THE CLASS 520 SERIES

528/86 .FROM PHENOL, PHENOL ETHER, OR INORGANIC
PHENOLATE

528/87 ..From 1,2-epoxy-containing phenolic reactant
or with 1,2-epoxy-containing reactant

528/98 ...Phenolic reactant contains at least three
distinct aromatic or carbocyclic rings or mixtures thereof

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Date 6/11/2002

Serial Number of Application 09/673,992

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Keywords to emphasize